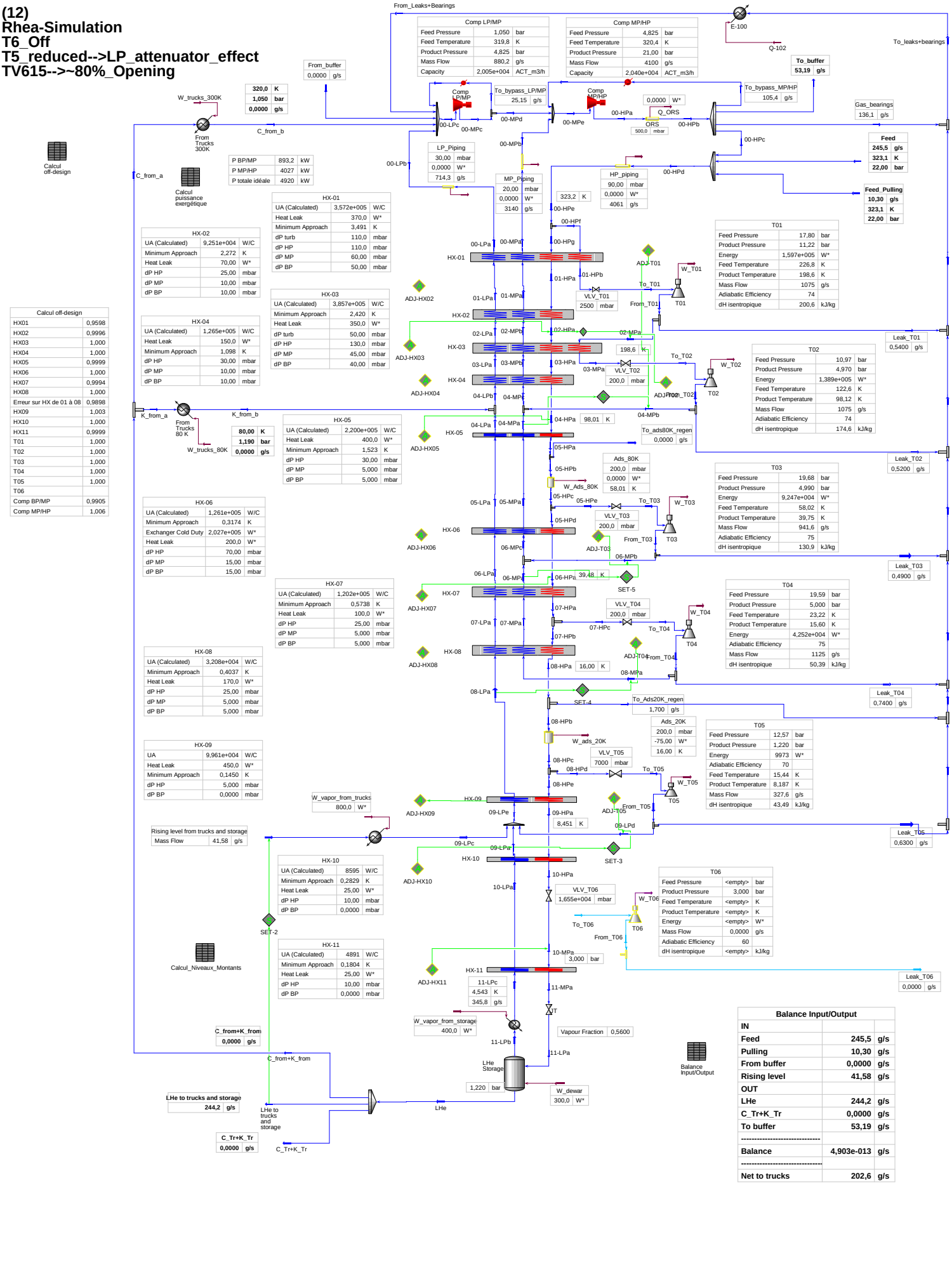
(12)
Rhea-Simulation
T6_Off
T5_reduced-->LP_attenuator_effect
TV615-->~80%_Opening



Calcul off-design	
HX01	0,9598
HX02	0,9996
HX03	1,000
HX04	1,000
HX05	0,9999
HX06	1,000
HX07	0,9994
HX08	1,000
Erreur sur HX de 01 à 08	0,9898
HX09	1,003
HX10	1,000
HX11	0,9999
T01	1,000
T02	1,000
T03	1,000
T04	1,000
T05	1,000
T06	
Comp BP/MP	0,9905
Comp MP/HP	1,006

HX-01		
UA (Calculated)	3,572e+005	W/C
Heat Leak	370,0	W*
Minimum Approach	3,491	K
dP turb	110,0	mbar
dP HP	110,0	mbar
dP MP	60,00	mbar
dP BP	50,00	mbar

HX-02		
UA (Calculated)	9,251e+004	W/C
Minimum Approach	2,272	K
Heat Leak	70,00	W*
dP HP	25,00	mbar
dP MP	10,00	mbar
dP BP	10,00	mbar

HX-03		
UA (Calculated)	3,857e+005	W/C
Minimum Approach	2,420	K
Heat Leak	350,0	W*
dP turb	50,00	mbar
dP HP	130,0	mbar
dP MP	45,00	mbar
dP BP	40,00	mbar

HX-04		
UA (Calculated)	1,265e+005	W/C
Heat Leak	150,0	W*
Minimum Approach	1,098	K
dP HP	30,00	mbar
dP MP	10,00	mbar
dP BP	10,00	mbar

HX-05		
UA (Calculated)	2,200e+005	W/C
Heat Leak	400,0	W*
Minimum Approach	1,523	K
dP HP	30,00	mbar
dP MP	5,000	mbar
dP BP	5,000	mbar

HX-06		
UA (Calculated)	1,261e+005	W/C
Minimum Approach	0,3174	K
Exchanger Cold Duty	2,027e+005	W*
Heat Leak	200,0	W*
dP HP	70,00	mbar
dP MP	15,00	mbar
dP BP	15,00	mbar

HX-07		
UA (Calculated)	1,202e+005	W/C
Minimum Approach	0,5738	K
Heat Leak	100,0	W*
dP HP	25,00	mbar
dP MP	5,000	mbar
dP BP	5,000	mbar

HX-08		
UA (Calculated)	3,208e+004	W/C
Minimum Approach	0,4037	K
Heat Leak	170,0	W*
dP HP	25,00	mbar
dP MP	5,000	mbar
dP BP	5,000	mbar

HX-09		
UA	9,961e+004	W/C
Heat Leak	450,0	W*
Minimum Approach	0,1450	K
dP HP	5,000	mbar
dP BP	0,0000	mbar

HX-10		
UA (Calculated)	8595	W/C
Minimum Approach	0,2829	K
Heat Leak	25,00	W*
dP HP	10,00	mbar
dP BP	0,0000	mbar

HX-11		
UA (Calculated)	4891	W/C
Minimum Approach	0,1804	K
Heat Leak	25,00	W*
dP HP	10,00	mbar
dP BP	0,0000	mbar

T01		
Feed Pressure	17,80	bar
Product Pressure	11,22	bar
Energy	1,597e+005	W*
Feed Temperature	226,8	K
Product Temperature	198,6	K
Mass Flow	1075	g/s
Adiabatic Efficiency	74	
dH isentropique	200,6	kJ/kg

T02		
Feed Pressure	10,97	bar
Product Pressure	4,970	bar
Energy	1,389e+005	W*
Feed Temperature	122,6	K
Product Temperature	98,12	K
Mass Flow	1075	g/s
Adiabatic Efficiency	74	
dH isentropique	174,6	kJ/kg

T03		
Feed Pressure	19,68	bar
Product Pressure	4,990	bar
Energy	9,247e+004	W*
Feed Temperature	58,02	K
Product Temperature	39,75	K
Mass Flow	941,6	g/s
Adiabatic Efficiency	75	
dH isentropique	130,9	kJ/kg

T04		
Feed Pressure	19,59	bar
Product Pressure	5,000	bar
Feed Temperature	23,22	K
Product Temperature	15,60	K
Energy	4,252e+004	W*
Adiabatic Efficiency	75	
Mass Flow	1125	g/s
dH isentropique	50,39	kJ/kg

T05		
Feed Pressure	12,57	bar
Product Pressure	1,220	bar
Energy	9973	W*
Adiabatic Efficiency	70	
Feed Temperature	15,44	K
Product Temperature	8,187	K
Mass Flow	327,6	g/s
dH isentropique	43,49	kJ/kg

T06		
Feed Pressure	<empty>	bar
Product Pressure	3,000	bar
Feed Temperature	<empty>	K
Product Temperature	<empty>	K
Energy	<empty>	W*
Mass Flow	0,0000	g/s
Adiabatic Efficiency	60	
dH isentropique	<empty>	kJ/kg

Balance Input/Output		
IN		
Feed	**245,5**	**g/s**
Pulling	**10,30**	**g/s**
From buffer	**0,0000**	**g/s**
Rising level	**41,58**	**g/s**
OUT		
LHe	**244,2**	**g/s**
C_Tr+K_Tr	**0,0000**	**g/s**
To buffer	**53,19**	**g/s**

Balance	**4,903e-013**	**g/s**

Net to trucks	**202,6**	**g/s**